

PCT10

RAW SEQUENCE LISTING

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DATE: 05/21/2002

PATENT APPLICATION: US/10/018,997

TIME: 15:36:42

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        SINHA, KATHARINE
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 8 <130> FILE REFERENCE: 078883-0143
10 <140> CURRENT APPLICATION NUMBER: 10/018,997
11 <141> CURRENT FILING DATE: 2001-12-26
13 <150> PRIOR APPLICATION NUMBER: PCT/GB00/02428
14 <151> PRIOR FILING DATE: 2000-06-23
16 <150> PRIOR APPLICATION NUMBER: GB 9914861.1
17 <151> PRIOR FILING DATE: 1999-06-25
19 <160> NUMBER OF SEQ ID NOS: 27
21 <170> SOFTWARE: PatentIn Ver. 2.1
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35 Tyr Tyr Lys Ala Phe Lys Ile Thr Asp Arg Ile Trp Ile Val Pro Glu
           35
                                40
38 Arg Tyr Glu Phe Gly Thr Lys Pro Glu Asp Phe Asn Pro Pro Ser Ser
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41 Leu Ile Glu Gly Ala Ser Glu Tyr Tyr Asp Pro Asn Tyr Leu Arg Thr
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44 Asp Ser Asp Lys Asp Arg Phe Leu Gln Thr Met Val Lys Leu Phe Asn
45
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47 Arg Ile Lys Asn Asn Val Ala Gly Glu Ala Leu Leu Asp Lys Ile Ile
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               100
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53 Asp Thr Asn Ser Asn Ser Val Ser Phe Asn Leu Leu Glu Gln Asp Pro
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       130
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59 Gly Pro Gly Pro Val Leu Asn Lys Asn Glu Val Arg Gly Ile Val Leu
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65 Ile Met Gln Met Ala Phe Cys Pro Glu Tyr Val Pro Thr Phe Asp Asn
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200

195

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Input Set : A:\78883143.app

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72 225					230					235					240
74 Gly I	Leu	Tyr	Gly	Met	Gln	Val	Ser	Ser	His	Glu	Ile	Ile	Pro	Ser	Lys
7 5				245					250					255	
77 Gln G	lu			Met	Gln	His	Thr		Pro	Ile	Ser	Ala		Glu	Leu
78			260			_		265	_		-	-1 -	270	- 1 -	T
80 Phe 7			Gly	Gly	GIn	Asp		Asn	Leu	шe	ser	285	Asp	ITE	ьуs
81 83 Asn <i>B</i>		275	M***	C1	T 110	Πh.~	280	λan	λan	Патт	T.v.c		Tle	Δla	Δen
	190 290	пеп	TYT	GIU	пуз	295	пси	H511	пор	-1-	300	1114			
86 Lys I		Ser	Gln	Val	Thr		Cvs	Asn	Asp	Pro	_	Ile	Asp	Ile	Asp
87 305					310		_		•	315			_		320
89 Ser 7	ľyr	Lys	Gln	Ile	Tyr	Gln	Gln	Lys	Tyr	Gln	Phe	Asp	Lys	Asp	Ser
90				325					330					335	
92 Asn (3ly			Ile	Val	Asn	Glu		Lys	Phe	Gln	Ile		Tyr	Asn
93			340		_	_		345		_		_	350	51 .	•
95 Ser 1			Tyr	Gly	Phe	Thr		Ile	Glu	Leu	СТĀ	Lуs 365	Lys	Pne	Asn
96 98 Ile 1		355	7 ~~	Tou	Cor	Шттх	360	Sor	Mat	λen	ије		Pro	Val	T.vs
	Jys 370	THE	AIG	ьeu	261	375	FILE	Ser	Mec	MSII	380	пор	110	var	11,15
101 Ile		Asn	Leu	ı Lev	ı Asr	-	Thr	Ile	YYI	Asn		Thr	Glu	Gly	7 Phe
102 385					390				_	395				_	400
104 Asn	Ile	Glu	Ser	Lys	Asp	Let	ı Lys	Sei	: Glu	і Туг	Lys	Gly	g Glr	a Asr	n Met
105				405	5				410)				415	5
107 Arg	Val	Asn			n Ala	Phe	e Arg			Asp	Gly	y Ser			ı Val
108			420			_	_	425			_		430		1-
110 Ser	Lys			∍ GTZ	Leu	і Суя			s TTE	3 116	Pro	445		ASI	ı ile
111 113 Arg	C1.,	435		, M	. A a r	. 7 rc	440		S C 2 1	- T.D1	ı Thi			. Gls	, Glv
113 Arg	450		пес	т тут	. ASI	459		. Al	. 501	. пс	460				0-1
116 Glu			Ile	e Lys	: Ile			ı Glı	ı Ası	. Lei			e Ile	e Ala	a Glu
117 465		- 4		-	470				_	475					480
119 Lys	Asn	Ser	Phe	e Sei	: Glu	ı Glu	ı Pro	Phe	e Glr	n Asp	Glı	ı Ile	e Val	Sei	r Tyr
120				485					490					49	
122 Asn	Thr	Lys			Pro) Le	ı Asr			туз	: Se	r Lei			s Ile
123		_	500					50!		. mb.	. T.	. Dave	510		^ <u>} ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ </u>
125 Ile	Val			C ASI	теі		520		3 TT6	e Thi		525		ı AS	AIG
126 128 Thr	Пhr	515		ነ ሞክነ	c T.376				ን ጥህነ	r Ala				^ T.V!	s Ser
120 1111	530		, val	L 1111	. шус	53!			J		540		1-		
131 Asn			Sei	r Thi	r Ile			e His	s Ası	ı Ile			Ası	n Th	r Ile
132 545					550)				55	5				560
134 Tyr	Gln	Туг	Leu	л Туз	r Ala	a Gli	n Lys	s Se	r Pro	o Thi	r Th	r Leu	ı Glı	n Ar	g Ile
135				565	5				570)				57	5
137 Thr	Met	Thr			r Val	l As	o Asp			ı Ile	e Ası	n Sei			s Ile
138 140 Tyr			580					58					590		
	-	· m	- m1-	- D-		A 37-	1 - 7 -		~ T	~ 37~	1 7~	~ ~l-	_ኅ ጦገ-	7 7 7 7	יינים ב

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141			595		_		_	600	_	_		-1.	605	.	Dl	m1
143	Gly		Leu	Phe	Leu	Gln		Val	Arg	Asp	He		Asp	Asp	Pne	Thr
144		610	•				615					620	_	_		_
146	Asn	Glu	Ser	Ser	Gln		Thr	Thr	Ile	Asp		Ile	Ser	Asp	Val	
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149	Thr	Ile	Val	Pro	Tyr	Ile	Gly	Pro	Ala	Leu	Asn	Ile	Val	Lys	Gln	Gly
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152	Tyr	Glu	Gly	Asn	Phe	Ile	Gly	Ala	Leu	Glu	Thr	Thr	Gly	Val	Val	Leu
153				660					665					670		
155	Leu	Leu	Glu	Tyr	Ile	Pro	Glu	Ile	Thr	Leu	Pro	Val	Ile	Ala	Ala	Leu
156			675	-				680					685			
158	Ser	Ile	Ala	Glu	Ser	Ser	Thr	Gln	Lvs	Glu	Lys	Ile	Ile	Lys	Thr	Ile
159		690					695		-		-	700		_		
	Aen		Phe	T.e.u	Glu	Lvs		Tvr	Glu	T ₁ VS	Trp	Tle	Glu	Val	Tvr	Lvs
	705	ADII	1110	пси	014	710	9	-1-	014		715				-1-	720
		Wa 1	Tarc	712	Tuc	. — .	Leu	Glv	Thr	Val		Thr	Gln	Phe	Gln	
	ьец	vai	пур	АІА	725	тър	пец	GLY	1111	730	ASII	1111	0111	1110	735	270
165	3	a	m	~1 ~		Merso	7 m.c.	Com	T 011		TT++-	Cln	V a 1	Asp		Tlo
	Arg	ser	туг		мес	туг	Arg	ser	745	GIU	тут	GIII	val	750	AIG	110
168	_	_		740	_		~ 1	m		T 1 -	Ш	G	G1		7 ~~	T
	Lys	Lys		IIe	Asp	Tyr	GIU		ьys	тте	туг	ser		Pro	Asp	гуя
171	_	_	755	_				760	_	_	_	_	765	_	~ 7	~3
173	Glu		Ile	Ala	Asp	Glu		Asn	Asn	Leu	Lys		ьуs	Leu	GIU	GIU
174		770					775					780			_	_
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186	-		835		_			840					845			
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195	10 W	-12			885					890					895	
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	GIII	ьeu	915	PIO	GIY	116	MSII	920	цуз	AIG	110	1113	925	Val	A511	non
201	01	a		a 1	37- 3	T 1.	37- 7		T	7 J -	Ma+	7.00		C1.,	Шттъ	N a r
			ser	GIU	val	TTE		nis	гу	Ald	Met		TIE	Glu	TÄT	ASII
204		930	_,	_	- .	 1	935	**- 1	a	DI		940	3	37- 3	Dmo	T
	_	меt	rne	Asn	Asn		rnr	val	ser	rne		ьeu	Arg	Val	PLO	
	945	_		_		950			_	۵.	955		a ?	m.	a	960
	Val	Ser	Ala	Ser		Leu	Glu	GIn	туr		rnr	Asn	GIU	Tyr		тте
210			_		965	_		_	_	970		~ -	_		975	•
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224 Leu Ser Ser Ala Asn Leu Tyr Ile Asn Gly Val Leu Met Gly Ser Ala
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227 Glu Ile Thr Gly Leu Gly Ala Ile Arg Glu Asp Asn Asn Ile Thr Leu
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230 Lys Leu Asp Arg Cys Asn Asn Asn Gln Tyr Val Ser Ile Asp Lys
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233 Phe Arg Ile Phe Cys Lys Ala Leu Asn Pro Lys Glu Ile Glu Lys Leu
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234
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239 Pro Leu Arg Tyr Asp Thr Glu Tyr Tyr Leu Ile Pro Val Ala Ser Ser
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243 1140 1145
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246 1155 1160
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248 Leu Tyr Asn Gly Leu Lys Phe Ile Ile Lys Arg Tyr Thr Pro Asn Asn
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                    1175
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251 Glu Ile Asp Ser Phe Val Lys Ser Gly Asp Phe Ile Lys Leu Tyr Val
252 1185
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254 Ser Tyr Asn Asn Asn Glu His Ile Val Gly Tyr Pro Lys Asp Gly Asn
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257 Ala Phe Asn Asn Leu Asp Arg Ile Leu Arg Val Gly Tyr Asn Ala Pro
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260 Gly Ile Pro Leu Tyr Lys Lys Met Glu Ala Val Lys Leu Arg Asp Leu
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263 Lys Thr Tyr Ser Val Gln Leu Lys Leu Tyr Asp Asp Lys Asn Ala Ser
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266 Leu Gly Leu Val Gly Thr His Asn Gly Gln Ile Gly Asn Asp Pro Asn
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269 Arg Asp Ile Leu Ile Ala Ser Asn Trp Tyr Phe Asn His Leu Lys Asp
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Output Set: N:\CRF3\05212002\J018997.raw

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/018,997

DATE: 05/21/2002 TIME: 15:36:43

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